

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **04231414 A**

(43) Date of publication of application: **20.08.1992**

(51) Int. Cl

C21D 8/10

C21D 1/18, C22C 38/00, C22C 38/32

(21) Application number:

02416130

(22) Date of filing:

27.12.1990

(71) Applicant: **SUMITOMO METAL IND LTD**

(72) Inventor: **FUJIOKA YASUHIDE**

**(54) PRODUCTION OF HIGHLY CORROSION
RESISTANT OIL WELL PIPE**

(57) Abstract:

PURPOSE: To produce a highly corrosion resistant oil well pipe having high strength and excellent in sulfide stress corrosion cracking resistance under an environment containing hydrogen sulfide.

CONSTITUTION: A stock of a steel having a composition consisting of 0.20-0.30% C, 0.10-0.40% Si,

0.40-1.00% Mn, \leq 0.020% P, \leq 0.020% S, 0.80-1.20% Cr, 0.20-0.80% Mo, one or \geq 2 kinds among 0.010-0.030% Ti, 0.020-0.040% Nb, and 0.0010-0.0020% B, and the balance Fe with inevitable impurities is heated, pierced, cooled rapidly down to a temp. not higher than the martensite transformation initiating temp. at a rate of \geq 10 °C/sec, reheated to 750-900 °C, and finish-rolled. The resulting steel tube is finished by means of quench-and-temper.

COPYRIGHT: (C)1992,JPO&Japio